

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A telephone network-based system for automatic insertion of web-enhanced contact data into a personal address book associated with a user that has access to an electronic communications network, said system comprising:

a first application unit operable to host the telephone network-based system;

a second application unit programmed to present the user with contact data obtained via the electronic communications network and assist the user in selecting at least a portion of the contact data for entry into the personal address book, said second application unit comprising:

a voice response unit operable to route a user-initiated call into the system, to said second application unit;

a recognition server comprising an automatic speech recognizer operable to convert a verbalized form of a new contact name to a text form, wherein the text form of the new contact name forms part of the user-initiated call;

a storage unit operable to store at least one textual directory for loading into said recognition server;

a comparison unit operable to compare the converted text form of the new contact name with a plurality of text entries in the at least one stored textual directory; and

a textual directory unit for searching the electronic communications network to locate and select the contact data based on the converted form of a telephone number corresponding to the new contact name, wherein the selected contact data is inserted into the personal address book

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/774,088

associated with the user and wherein further, the selected contact data is data other than the new contact name and the telephone number corresponding to the new contact name.

2. (previously presented): A system according to claim 1, wherein said first and second application units, said voice response unit, said recognition unit and said storage unit are each hosted on different physical units.

3. (previously presented): A system according to claim 1, wherein said first and second application units, said voice response unit, said recognition unit and said storage unit are hosted on the same physical unit.

4. (previously presented): A system according to claim 1, wherein two of the group comprising said first and second application units, said voice response unit, said recognition unit and said storage unit are hosted on different physical units.

5. (previously presented): A system according to claim 1, wherein three of the group comprising said first and second application units, said voice response unit, said recognition unit and said storage unit are hosted on different physical units.

6. (original): A system according to claim 1, and further comprising a firewall.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appl. No. 09/774,088

7. (previously presented): A system according to claim 1, wherein said second application unit loads the at least one textual directory for transfer to said storage unit.

8. (previously presented): A system according to claim 1, wherein said telephone network is comprised of at least one element from the group including E1 components, T1 components and voice over Internet protocol components.

9. (currently amended): A method for adding data for a new contact from at least one textual directory to a personal address book (PAB) of a telephone network user, wherein the call via the telephone of the user is coupled to an electronic network via an applications system comprising an automatic speech recognizer (ASR) and a storage unit, said method comprising:

recording the pronunciation of the name of the new contact by the user over the user's telephone;

obtaining, ~~via the electronic network~~, a telephone number corresponding to the name of the new contact;

searching said at least one textual directory for at least one telephone number matching the obtained telephone number corresponding to the new contact;

obtaining at least one name associated with each of the at least one matching telephone ~~number~~numbers;

loading said ASR with said at least one associated name;

playing the recorded contact name to the ASR;

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/774,088

determining ~~using ASR~~ whether said at least one associated name matches said pronounced name; and

if one of the associated names matches said pronounced name, obtaining associated textual data other than the name and associated telephone number for the matching name and
entering said matching name and the textual data ~~associated with said matching name~~ into said PAB.

10. (original): A method according to claim 9, wherein said recording of the pronunciation comprises recording of the name and the number of the new contact.

11. (original): A method according to claim 10, wherein said obtaining is from said recording of said pronunciation of said number.

12. (original): A method according to claim 9, further comprising calling into the system, wherein said calling is performed by said user.

13. (original): A method according to claim 9, further comprising routing of said call to the system by a voice response unit.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appl. No. 09/774,088

14. (original): A method according to claim 9, wherein said obtaining is from a Web-based device coupled to the system, wherein said coupling is to a recognition server via an application unit.

15. (original): A method according to claim 9, wherein said obtaining is from a Web-based device wherein said number is vocalized.

16. (original): A method according to claim 9, further comprising converting of said name and telephone number from speech to text form by said recognition server.

17. (previously presented): A method according to claim 9, further comprising loading a textual directory by said second application unit from a persistence storage unit coupled to the system, to said recognition server.

18. (original): A method according to claim 9, further comprising training said ASR based on said associated textual data.

19. (original): A method according to claim 9, further comprising asking said user to approve said associated name.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/774,088

20. (original): A method according to claim 9, and comprising asking said user to approve said associated textual data.

21. (original): A method according to claim 9, wherein the source of said at least one textual directory is the Internet.

22. (original): A method according to claim 9, wherein the source of said at least one textual directory is an intranet.

23. (original): A method according to claim 9, wherein the source of said at least one textual directory is a directory server.

24. (original): A method according to claim 9, wherein the source of said at least one textual directory is a file.

25. (original): A method according to claim 9, wherein the source of said at least one textual directory is a virtual memory source.

26. (original): A method according to claim 9, wherein the source of said at least one textual directory is a management system.

27. (original): A method according to claim 9, wherein said name pronunciation recording is a transcription transferred by said system from said storage unit to said ASR.

28. (original): A method according to claim 9, wherein the user is prompted to choose from at least two versions of said at least one matching name found.

29. (currently amended): A method of storing information related to a new contact to an address book, said method comprising:

- (a) recording a first identifying information of the new contact;
- (b) obtaining second identifying information, different than the first identifying information, corresponding to the new contact, ~~wherein the second identifying information is obtained from an electronic communications network;~~
- (c) using the second identifying information ~~and the recorded first identifying information to select an entry in a directory~~ to search the electronic communications network and find primary data that matches the second identifying information and secondary data that corresponds to the primary data;
- (d) determining if the found primary data matches the recorded first identifying information of the new contact and, if so,
- (~~e~~) storing the selected entry primary and secondary data in the address book.

30. (original): The method defined in Claim 29, wherein said first identifying information is a pronunciation of the new contact's name.

31. (original): The method defined in Claim 30, wherein said using the recorded pronunciation to select the entry comprises supplying the recorded pronunciation and the selected entry to a speech recognizer.

32. (original): The method defined in Claim 29, wherein said first identifying information is a telephone number of the new contact.

33. (original): The method defined in Claim 31, wherein a text name from each of a plurality of entries in the directory is supplied to the speech recognizer.

34. (original): The method defined in Claim 33, wherein the selected entry is selected based on a match between the recorded pronunciation and the text name in the selected entry.

35. (previously presented): The method defined in Claim 29, further comprising:
verifying that the stored selected entry in said address book accurately identifies the new contact.

36. (currently amended): A method of adding contact information related to a new contact to a personal address book comprising:

(a) recording a ~~pronunciation~~ verbalized form of first identifying information corresponding to the new contact;

(b) obtaining second identifying information, different than the first identifying information, corresponding to the new contact, wherein the second identifying information is obtained ~~from an electronic communications network~~ by recording a verbalized form of the second identifying information;

(c) using the second identifying information ~~and the recorded pronunciation of the first identifying information to select an entry in a directory~~ search an electronic communications network and select a data entry for which a portion of the data matches the second identifying information; and

(d) copying contact information from the selected directory entry to the personal address book, wherein the copied contact information is other than the first and second identifying information.

37. (original): The method defined in Claim 36, wherein said using the recorded pronunciation to select an entry comprises supplying the recorded pronunciation and the text name to a speech recognizer.

38. (original): The method defined in Claim 37, wherein a text name from each of a plurality of entries in the directory is supplied to the speech recognizer.

39. (original): The method defined in Claim 35, wherein the selected entry is selected based on a match between the recorded pronunciation and the text name in the selected entry.

40. (original): The method defined in Claim 35, further comprising:
verifying that the stored text name in said personal address book accurately identifies the new contact.

41. (original): The method defined in Claim 35, wherein the first identifying information comprises the new contact's name.

42. (original): The method defined in Claim 35, wherein the second identifying information comprises at least a portion of the new contact's telephone number.

43. (original): The method defined in Claim 35, wherein the contact information comprises a textual representation of the new contact's name.

44. (currently amended): A method for compiling contact data in a personal database of a user, the method comprising:

recording a pronunciation of a name associated with a new contact, wherein the pronunciation is provided by the user;

recording a pronunciation of~~entering~~ a number associated with the name of the new contact;

converting the recorded ~~name~~number of the new contact to text form;

searching, via an electronic communications network, for contact data associated with the new contact, wherein the search is based on the text form of the ~~name or the entered~~recorded number of the new contact; and

storing contact data resulting from said searching into the personal database.

45. (previously presented): A method as claimed in claim 44, further comprising:

loading a name portion of the contact data resulting from said searching into a speech recognizer;

comparing the loaded name portion of the contact data with the text form of the name of the new contact.

46. (previously presented): A method as claimed in claim 45, further comprising:

determining a match from the results of the comparison between the loaded name portion of the contact data and the text form of the name of the new contact;

entering all contact data associated with the match into the personal database of the user.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/774,088

47. (previously presented): A method as claimed in claim 44, wherein the number associated with the name of the new contact is entered by the user, wherein the user pronounces the number verbally and the number is converted to text form.

48. (previously presented): A system as claimed in claim 1, wherein said comparison unit is further operable to compare a text form of an entered number that is associated with the name of the new contact with numbers in the at least one stored textual directory.

49. (previously presented): A system as claimed in claim 48, wherein said textual directory unit is further operable to search the electronic communications network to locate the contact data based on the text form of the number that is associated with the name of the new contact.

50. (previously presented): A system as claimed in claim 1, wherein the electronic communications network comprises the Internet.